

5. LIFTING CAPACITIES

1) ROBEX 210LC-7H/220LC-7H

(1) 5.68m(18' 8") boom, 2.00m(6' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
												m(ft)
7.5m (25ft)	kg lb									*3750 *8270	*3750 *8270	6.64 (21.8)
6.0m (20ft)	kg lb					*4150 *9150	*4150 *9150			*3800 *8380	3060 6750	7.78 (25.5)
4.5m (15ft)	kg lb			*5360 *11820	*5360 *11820	*4540 *10010	*4540 *10010			*3910 *8620	2560 5640	8.43 (27.7)
3.0m (10ft)	kg lb			*6970 *15370	6830 15060	*5240 *11550	4380 9660	*4500 *9920	3020 6660	*4050 *8930	2340 5160	8.74 (28.7)
1.5m (5ft)	kg lb			*8380 *18470	6310 13910	*5950 *13120	4120 9080	*4820 *10630	2900 6390	4000 8820	2280 5030	8.73 (28.6)
Ground Line	kg lb			*9020 *19890	6080 13400	*6430 *14180	3960 8730	4980 10980	2830 6240	4210 9280	2400 5290	8.42 (27.6)
-1.5m (-5ft)	kg lb	*13020 *28700	12190 26870	*8960 *19750	6050 13340	*6510 *14350	3910 8620			*4550 *10030	2770 6110	7.76 (25.5)
-3.0m (-10ft)	kg lb	*11620 *25620	*11620 *25620	*8210 *18100	6160 13580	*5910 *13030	3990 8800			*4510 *9940	3660 8070	6.61 (21.7)
-4.5m (-15ft)	kg lb	*8770 *19330	*8770 *19330									

- Note
1. Lifting capacity are based on SAE J1097 and ISO 10567.
 2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 3. The load point is a hook located on the back of the bucket.
 4. *indicates load limited by hydraulic capacity.

(2) 5.68m(18' 8") boom, 2.40m(7' 10") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

Load point height		Load radius										At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
														m(ft)
7.5m (25ft)	kg lb											*3450 *7610	*3450 *7610	7.15 (23.5)
6.0m (20ft)	kg lb							*3750 *8270	*3750 *8270			*3520 *7760	2780 6130	8.20 (26.9)
4.5m (15ft)	kg lb							*4190 *9240	*4190 *9240	*3940 *8690	3140 6920	*3630 *8000	2350 5180	8.82 (28.9)
3.0m (10ft)	kg lb					*6420 *14150	*6420 *14150	*4920 *10850	4400 9700	*4240 *9350	3020 6660	3770 8310	2150 4740	9.11 (29.9)
1.5m (5ft)	kg lb					*7960 *17550	6360 14020	*5690 *12540	4130 9110	*4620 *10190	2890 6370	3720 8200	2100 4630	9.10 (29.9)
Ground Line	kg lb			*8300 *18300	*8300 *18300	*8820 *19440	6050 13340	*6260 *13800	3930 8660	*4920 *10850	2790 6150	3890 8580	2200 4850	8.81 (28.9)
-1.5m (-5ft)	kg lb	*9220 *20330	*9220 *20330	*12750 *28110	11960 26370	*8970 *19780	5970 13160	*6460 *14240	3850 8490			*4300 *9480	2490 5490	8.18 (26.8)
-3.0m (-10ft)	kg lb	*13340 *29410	*13340 *29410	*12280 *27070	12180 26850	*8430 *18580	6040 13320	*6110 *13470	3890 8580			*4360 *9610	3190 7030	7.12 (23.4)
-4.5m (-15ft)	kg lb			*9840 *21690	*9840 *21690	*6850 *15100	6300 13890							

(3) 5.68m(18' 8") boom, 2.92m(9' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

Load point height		Load radius										At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
														m(ft)
7.5m (25ft)	kg lb											*3120 *6880	*3120 *6880	7.72 (25.3)
6.0m (20ft)	kg lb											*3210 *7080	2530 5580	8.69 (28.5)
4.5m (15ft)	kg lb							*3770 *8310	*3770 *8310	*3590 *7910	3210 7080	*3340 *7360	2170 4780	9.27 (30.4)
3.0m (10ft)	kg lb			*9160 *20190	*9160 *20190	*5760 *12700	*5760 *12700	*4530 *9990	4490 9900	*3950 *8710	3070 6770	*3490 *7690	1980 4370	9.55 (31.3)
1.5m (5ft)	kg lb			*8660 *19090	*8660 *19090	*7430 *16380	6500 14330	*5380 *11860	4180 9220	*4390 *9680	2910 6420	3440 7580	1930 4250	9.54 (31.3)
Ground Line	kg lb			*9310 *20530	*9310 *20530	*8550 *18850	6100 13450	*6060 *13360	3950 8710	*4770 *10520	2780 6130	3580 7890	2000 4410	9.26 (30.4)
-1.5m (-5ft)	kg lb	*8550 *18850	*8550 *18850	*12160 *26810	11830 26080	*8950 *19730	5940 13100	*6400 *14110	3820 8420	4870 10740	2720 6000	3970 8750	2230 4920	8.67 (28.4)
-3.0m (-10ft)	kg lb	*11700 *25790	*11700 *25790	*13020 *28700	11990 26430	*8680 *19140	5960 13140	*6280 *13850	3820 8420			*4230 *9330	2770 6110	7.69 (25.2)
-4.5m (-15ft)	kg lb			*11040 24340	*11040 *24340	*7560 *16670	6130 13510					*4140 *9130	*4140 *9130	6.09 (20.0)

2) R210LC-7H/R220LC-7H LONG REACH

(1) 8.2m(26' 11") boom, 6.3m(20' 8") arm equipped with 0.51m³(SAE heaped) bucket, 800mm (32") triple grouser shoe and 5300kg counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		3.0m(10ft)		6.0m(20ft)		9.0m(30ft)		12.0m(40ft)		Capacity		Reach
												m(ft)
9.0m (30ft)	kg lb							*830 *1830	*830 *1830	*1330 *2930	*1330 *2930	13.11 (43.0)
6.0m (20ft)	kg lb							*1430 *3150	*1430 *3150	*1410 *3110	1120 2470	14.37 (47.1)
3.0m (10ft)	kg lb					*1990 *4390	*1990 *4390	*1670 *3680	1580 3480	*1520 *3350	940 2070	14.89 (48.9)
Ground Line	kg lb	*4560 *10050	*4560 *10050	*4330 *9550	*4330 *9550	*2650 *5840	2360 5200	*1980 *4370	1390 3060	*1670 *3680	890 1960	14.75 (48.4)
-3.0m (-10ft)	kg lb	*5710 *12590	*5710 *12590	*5250 *11570	3800 8380	*3150 *6940	2070 4560	*2220 *4890	1260 2780	*1860 *4100	980 2160	13.92 (45.7)
-6.0m (-20ft)	kg lb	*7790 *17170	*7790 *17170	*5370 *11840	3720 8200	*3280 *7230	1990 4390			*2090 *4610	1280 2820	12.25 (40.2)
-9.0m (-30ft)	kg lb	*8780 *19360	*8780 *19360	*4510 *9940	4000 8820	*2620 *5780	2190 4830					

- Note
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 2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 3. The load point is a hook located on the back of the bucket.
 4. *indicates load limited by hydraulic capacity.